

## Product datasheet

# Recombinant human Follistatin protein ab51800

### Overview

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<b>Product name</b>	Recombinant human Follistatin protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">P19883-2</a>
<b>Species</b>	Human
<b>Molecular weight</b>	32 kDa
<b>Amino acids</b>	30 to 317

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab51800** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Biological activity** Determined by its ability to neutralize Activin A inhibitory effect of murine MPC-11 cells. The expected ED50 is 0.1-0.4 µg/ml in the presence of 7.5 ng/ml Activin A.

**Applications** SDS-PAGE

**Purity** > 95 % SDS-PAGE.  
Sterile filtered. Endotoxin level is <0.1 ng per µg of Follistatin.

**Form** Lyophilised

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 7.50

Constituents: 0.164% Sodium phosphate, 0.435% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**Reconstitution** Reconstitute in water to a concentration of 0.1-1.0 µg/µl.

## General Info

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<b>Function</b>	Binds directly to activin and functions as an activin antagonist. Specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone (FSH).
<b>Tissue specificity</b>	Isoform 1 is the predominant isoform in serum but is undetectable in follicular fluid.
<b>Sequence similarities</b>	Contains 3 follistatin-like domains. Contains 3 Kazal-like domains. Contains 1 TB (TGF-beta binding) domain.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

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